

SVERDRUP

Sverdrup Environmental, Inc.
4400 College Boulevard
Suite 160
Overland Park, Kansas 66211

913 663-2101
FAX 913 663-1668

Mound St PCB's
MO 0000093682
1.1

January 24, 1996

12496

Dr. Peter Culver, P.E.
U.S. Environmental Protection Agency
Region VII, Superfund Branch
726 Minnesota Avenue
Kansas City, Kansas 66101

Project: ARCS Region VI, VII, and VIII Contract No. 68-W9-0032
Subject: Request for Geoprobe™

Dear Dr. Culver:

Under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), Sverdrup Corporation (Sverdrup) has been tasked by the United States Environmental Protection Agency (EPA) to conduct a Site Screening Inspection (SSI) of the Mound Street PCB Site in St. Louis, Missouri (CERCLIS ID No.: MO0000093682). The Site Assessment Sampling Plan (SASP) is in preparation and will be submitted to EPA the week of January 29, 1996.

The objective of the SSI is to assess the threat to human health and the environment posed by possible volatile organic compounds (VOCs) and semi-volatile organic compounds detected during previous investigations, and potential polychlorinated biphenyl (PCB) contamination. The contaminants which have been detected in the soil and groundwater include: benzene, toluene, and xylene. The scope of the investigation includes collecting groundwater and subsurface soil samples from a potential contaminated source area and the surrounding vicinity. Field work is scheduled to begin March 18, 1996 and end March 20, 1996.

In order to adequately and efficiently collect the necessary environmental samples, Sverdrup requests the use of the EPA Region VII's Geoprobe™ and operator. The Sverdrup field crew will consist of (Site Manager) and (Site Safety Officer). The projected responsibilities and hours required for the Geoprobe™ and operator are as follows:

<u>Activity</u>	<u>Estimated Hours</u>
Round trip travel time from Kansas City to St. Louis.	10
Collection of seven (7) subsurface soil samples and up to three (3) groundwater samples.	14-21

30024004



Superfund

Groundwater in the vicinity of the Mound Street PCB Site is expected to be at about 20 feet beneath the ground surface (bgs). In addition to operating the Geoprobe™, the operator is requested to screen the soil samples using an Hnu, or equivalent, supplied by Sverdrup. This will aid in the determination of which samples may be potentially contaminated prior to laboratory analysis. It is also requested that the Geoprobe™ Operator perform the pH, temperature, and conductivity analysis on the groundwater sample(s) with equipment supplied by Sverdrup.


The Health and Safety Plan for the Mound Street PCB Site field activities is currently under review by Sverdrup's Director of Health and Safety. Due to the nature of subsurface contamination, Level C personal protective equipment may be required for soil sample collection.

Your assistance in this matter is greatly appreciated.

If you have any questions, please feel free to contact me at (913) 663-2108.

Sincerely,

SVERDRUP CORPORATION, Inc.

A handwritten signature in cursive script that reads "Michael W. McCurdy".

Michael W. McCurdy
Project Manager

cc: 10865-37/DC
File

Resolution: Dave Cuyler -
Rete Culver 2/6/66.

Sverdrup Submitted ASD
including geospatial samples
Call. ENSV reviewing. Expect
Response Contingent upon
ENSV Comments.

see

Dave

Here's the original request
from Sverdrup for use of
geoprobe at Mound St. P.B.
Are we still going to
do this one? Thanks
Pete

ROUTING AND TRANSMITTAL SLIP

Date

1/25/96

TO: (Name, office symbol, room number,
building, Agency/Post)

Initials

Date

1. Harold Brown

2. ENSV

3.

4.

5.

Action

File

Note and Return

Approval

For Clearance

Per Conversation

As Requested

For Correction

Prepare Reply

Circulate

For Your Information

See Me

Comment

Investigate

Signature

Coordination

Justify

REMARKS

Per my earlier voice mail

Paul Doherty

Andrea Jirka
has this
request to me
saying they have
all the equipment
you go to the 5000
she said to give this
to you. If there's anything
you need - let's
talk. Carol

Pete

1.41

DO NOT use this form as a RECORD of approvals, concurrences, disposals,
clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Pete Culver

Phone No.

7707

5041-103

OPTIONAL FORM 41 (Rev. 1-94)

*U.S. Government Printing Office: 1994 — 300-881/00004

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